

FIG. 1

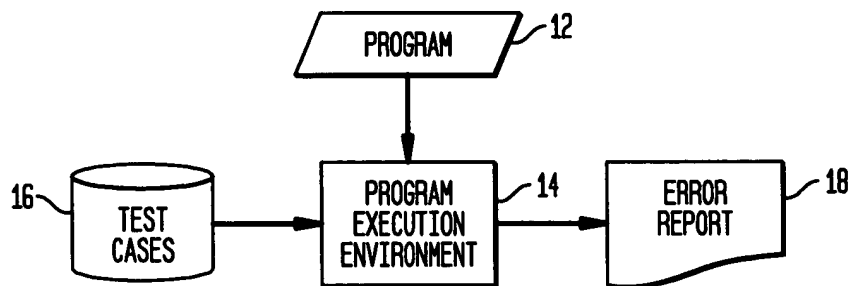


FIG. 2



FIG. 3

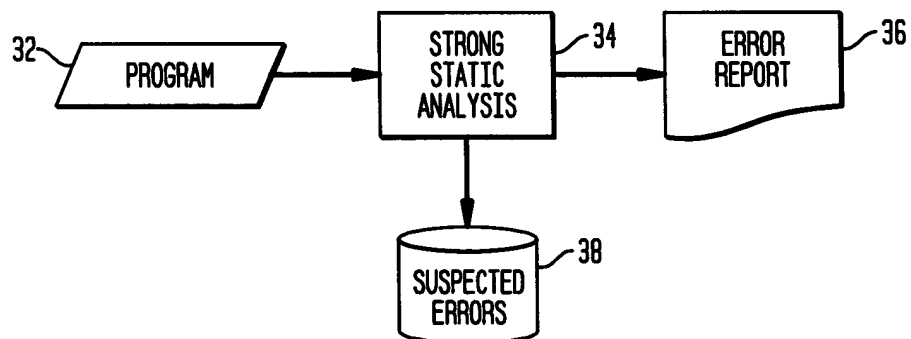


FIG. 4

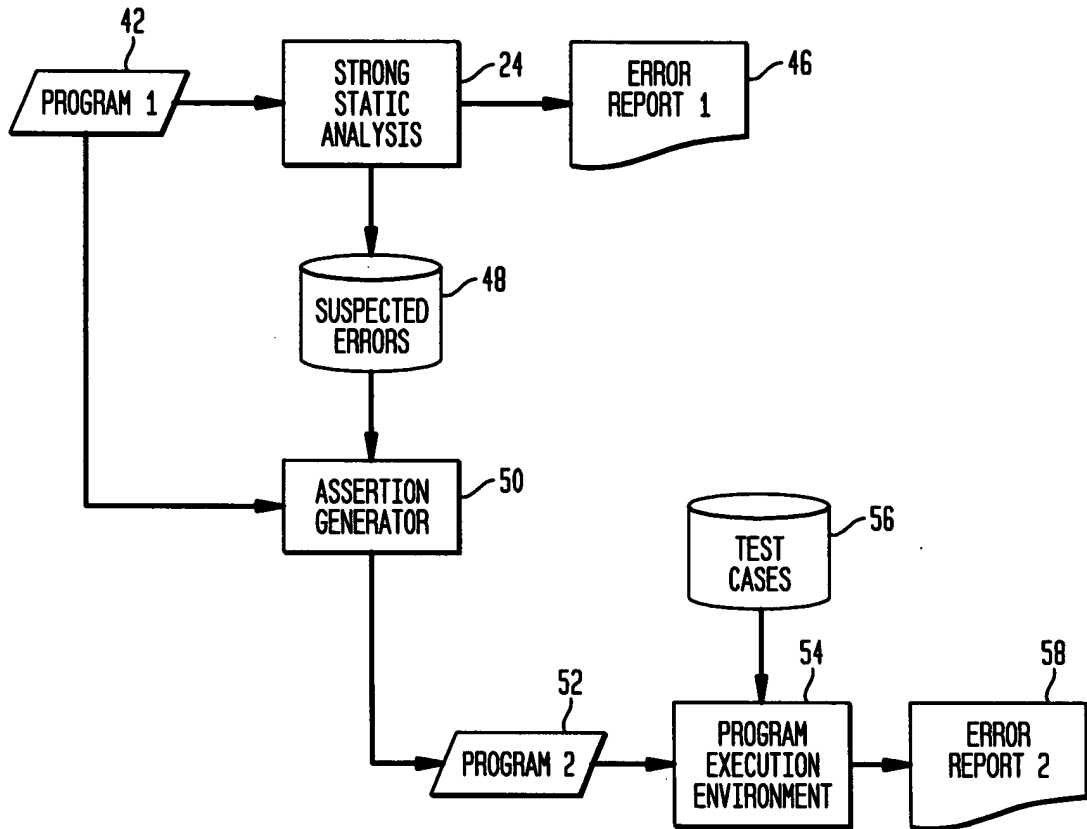


FIG. 5

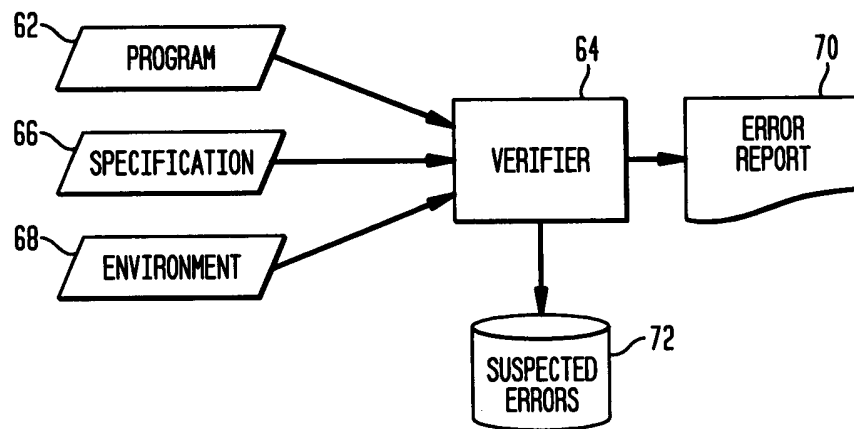


FIG. 6

Example Program 1

42

```
int P (int);  
int Foo (int A)  
{  
    int X, Y;  
    if (P(A)) X = 0;  
    if (P(A)) { X = A; Y = A; }  
    else { L1: return A/X; }  
    L2: return A/(x - Y) ;  
}
```

FIG. 7

Example Program 2

52

```
int Foo (int A)  
{  
    int X, Y;  
    int Temp1, Temp2;  
    if (Temp1 = P(A)) X = 0;  
    if (Temp2 = P(A)) { X = A; Y = A; }  
    else  
    {  
        if (Temp1) printf ("division by 0\n");  
        if (!Temp1) printf ("uninitialized X\n");  
        L1: return A/X;  
    }  
    if (Temp2) printf ("division by 0\n");  
    L1: return A/(X - Y);  
}
```